

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number:

WO 2004/050153 A1

(51) International Patent Classification<sup>7</sup>: A61M 15/00

(21) International Application Number:  
PCT/EP2003/012508

(22) International Filing Date:  
5 November 2003 (05.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0226020.6 7 November 2002 (07.11.2002) GB

(71) Applicant (for all designated States except US): GLAXO  
GROUP LIMITED [GB/GB]; Glaxo Wellcome House,  
Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DAVIES, Michael,  
Blrsha [GB/GB]; GlaxoSmithKline, Park Road, Ware,

Hertfordshire SG12 0DP (GB). GODFREY, James,  
William [GB/GB]; GlaxoSmithKline, Park Road, Ware,  
Hertfordshire SG12 0DP (GB). RAND, Paul, Kenneth  
[GB/GB]; GlaxoSmithKline, Park Road, Ware, Hertford-  
shire SG12 0DP (GB).

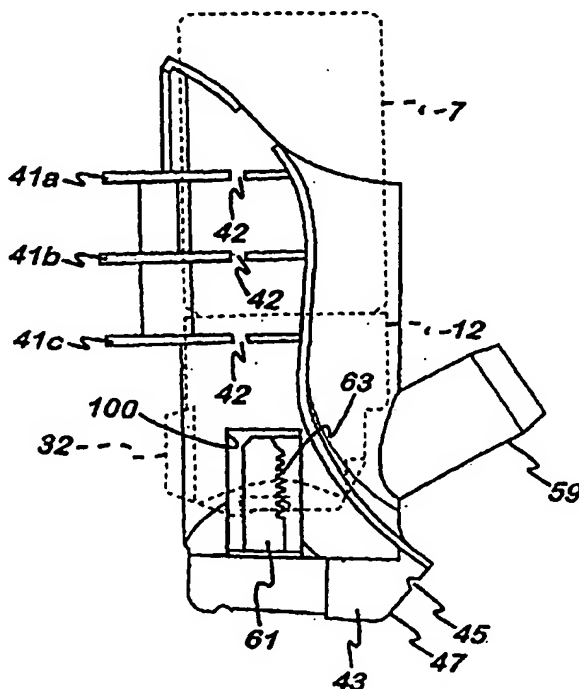
(74) Agent: GIDDINGS, Peter, John; GlaxoSmithKline, Cor-  
porate Intellectual Property (CN925.1), 980 Great West  
Road, Brentford, Middlesex TW8 9GS (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,  
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,  
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: HOLDER FOR A DISPENSING CONTAINER SYSTEM



(57) Abstract: A holder (5) for holding a dispensing container system (7) which is adapted to dispense a quantity of a fluid contained therein on movement thereof relative to the holder and further includes a dispensing counter means (12) for counting the number of quantities of the fluid dispensed. The holder has a moulded plastics body (37) with inner and outer (39) surfaces. The inner surface bounds a cavity adapted to receive the dispensing container system in movable relation thereto. The cavity has a moulded counter advance means (61) which is adapted in use to engage the dispensing counter means on relative movement between the dispensing container system and the body to advance the dispensing counter means to indicate the dispensing of a quantity of the fluid. The body is formed with an outlet port (59) in communication with the cavity such that the fluid dispensed from the dispensing container system is dischargeable therethrough. Moreover, an aperture (100) extends through the body from the outer surface to the inner surface in alignment with the counter advance means.

WO 2004/050153 A1

